

kb (J/K) 1.38E-23 kb (kcal/(mol*K)) 1.99E-03

considering four chair conformations (3 hydroxyl group rotors for eq-eq chair)

| E | Dei | exp(), t=5 | exp(), t=500 | fraction, 5 | fraction, 500 |
|------|------|------------|--------------|-------------|---------------|
| 6.53 | 0 | 1.00E+00 | 1.00E+00 | 1.00E+00 | 3.71E-01 |
| 6.65 | 0.12 | 5.70E-06 | 8.86E-01 | 5.70E-06 | 3.29E-01 |
| 6.9 | 0.37 | 6.78E-17 | 6.89E-01 | 6.78E-17 | 2.56E-01 |
| 8.65 | 2.12 | 2.27E-93 | 1.18E-01 | 2.27E-93 | 4.40E-02 |
| | | 1.00E+00 | 2.69E+00 | 1.00E+00 | 1.00E+00 |

considering two chair conformations (eq-eq and ax-ax)

| E | Dei | exp(), t=5 | exp(), t=500 | fraction, 5 | fraction, 500 |
|------|------|------------|--------------|-------------|---------------|
| 6.53 | 0 | 1.00E+00 | 1.00E+00 | 1.00E+00 | 3.71E-01 |
| 8.65 | 2.12 | 2.27E-93 | 1.18E-01 | 2.27E-93 | 4.40E-02 |
| | | 1.00E+00 | 1.12E+00 | 1.00E+00 | 4.15E-01 |